

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2005/000411

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C07D 401/12, C07D 413/12, C07D 417/12, A61K 31/454, A61K 31/445, A61P 3/04, A61P 25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C07D, A61K, A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, STN-CAPLUS, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2373186 A (ASTRAZENECA AB), 18 Sept 2002 (18.09.2002), RN 479555-54-9, RN 499555-61-8 --	1-35
X	EP 1389616 A1 (MITSUBISHI PHARMA CORPORATION), 18 February 2004 (18.02.2004), formula I --	1-35
X	WO 02066460 A1 (ASTRAZENECA AB), 29 August 2002 (29.08.2002), formulas I-IV --	1-35
X	WO 0114333 A1 (ASTRAZENECA UK LIMITED), 1 March 2001 (01.03.2001), formulas I-XIV --	1-35



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

6 July 2005

Date of mailing of the international search report

12-07-2005

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Fernando Farieta/Eö
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2005/000411

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	File EPODOC/EPO, TAISHO PHARMA CO LTD et al: "Chemokine receptor antagonist", formula I & WO,A1,03104198, 20031218 --	1-35
A	File EPODOC/EPO, BANYU PHARMA CO LTD et al: "Novel piperidine derivatives", formula I & WO,A1,0053600, 20000914 --	1-35
A	WO 9938514 A1 (MERCK & CO., INC.), 5 August 1999 (05.08.1999), formula I --	1-35
A	WO 03080574 A1 (ASTRAZENECA AB), 2 October 2003 (02.10.2003), formula I --	1-35
A	WO 03106452 A2 (MILLENNIUM PHARMACEUTICALS, INC.), 24 December 2003 (24.12.2003), schemes I-VIII -- -----	30-31

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE2005/000411**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 34-35
because they relate to subject matter not required to be searched by this Authority, namely:

Claims 34-35 relate to a method of treatment of the human or animal body by surgery or by therapy, as well as diagnostic methods /Rule 39.1(iv). Nevertheless, a search has been executed for these claims. The search has been based on the alleged effects of the compounds.

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT
Information on patent family members

28/05/2005

International application No.

PCT/SE 2005/000411

GB	2373186	A	18/09/2002	AU	9401001 A	22/04/2002
				GB	0104534 D	00/00/0000
EP	1389616	A1	18/02/2004	CA	2445348 A	07/11/2002
				US	20040158071 A	12/08/2004
				CN	1505626 A	16/06/2004
				WO	02088111 A	07/11/2002
WO	02066460	A1	29/08/2002	AT	276246 T	15/10/2004
				AU	8431101 A	22/03/2002
				DE	60201259 D	00/00/0000
				EP	1317855 A	11/06/2003
				EP	1363902 A,B	26/11/2003
				SE	1363902 T3	
				GB	0104050 D	00/00/0000
				JP	2004518742 T	24/06/2004
				US	20040102483 A	27/05/2004
WO	0114333	A1	01/03/2001	AU	6461600 A	19/03/2001
				EP	1212299 A	12/06/2002
				JP	2003507456 T	25/02/2003
				SE	9902987 D	00/00/0000
WO	9938514	A1	05/08/1999	AU	2654399 A	16/08/1999
				CA	2319781 A	05/08/1999
				EP	1052992 A	22/11/2000
				GB	9810890 D	00/00/0000
				JP	2002501898 T	22/01/2002
				US	6132017 A	17/10/2000
				US	6140349 A	31/10/2000
				US	6423303 B	23/07/2002
				US	6476054 B	05/11/2002
WO	03080574	A1	02/10/2003	AU	2003216012 A	00/00/0000
				BR	0308592 A	09/02/2005
				CA	2479887 A	02/10/2003
				EP	1406747 A	14/04/2004
				EP	1490336 A	29/12/2004
				SE	0200919 D	00/00/0000
				US	20040171337 A	02/09/2004
WO	03106452	A2	24/12/2003	AU	2003243497 A	00/00/0000
				CA	2488635 A	24/12/2003
				US	20040106645 A	03/06/2004